

WHAT IS CLAIMED IS:

1. An apparatus for pointing an action attribute of an electronic application system which performs a process concerning an application from applicant terminals targeted to applicants such as residents or enterprises by using actions representing individual process businesses necessary for proceeding with the process concerning the application, action components representing individual business factors constituting each of said process businesses and programs for execution of said business factors, said action attribute pointing apparatus for electronic application system comprising:

an action name assigned to an action to specify said action, an action component name assigned to an action component to specify said action component, and component name correspondence information for making the correspondence between said action name and said action component name;

program name correspondence information for making the correspondence between said action component name and a program name assigned to said program to specify said program;

an action attribute storage unit for storing said component name correspondence information and said program name correspondence information;

a definition information input/execute unit for inputting definition information concerning said

correspondence information stored in said action attribute storage unit;

an action attribute storage contents prepare/update unit for preparing/updating the contents of said action attribute storage unit on the basis of the definition information inputted by means of said definition information input/execute unit; and

an action control unit for controlling the execution of said action component by consulting with said correspondence information of said action attribute storage unit.

2. An action attribute pointing apparatus for electronic application system according to claim 1, wherein said action attribute storage unit includes:

component execution sequence information for defining the execution sequence of said action components; and

component execution form information for defining, in connection with said action components during their execution, normal time execution executable during normal operation, exception occurring time execution executable during occurrence of exceptional operation and indispensable execution executable during both the normal and exceptional operations and also defining layering of processes.

3. An apparatus for pointing action attributes of programs concerning a computer system by using actions representing individual process businesses

necessary for proceeding with processes concerning the computer system, action components representing individual business factors constituting each of said process businesses and programs for execution of said business factors, said program action attribute pointing apparatus comprising:

an action name assigned to an action for specifying said action, an action component name assigned to an action component to specify said action component, and component name correspondence information for making the correspondence between said action name and said action component name;

program name correspondence information for making the correspondence between said action component name and a program name assigned to a program to specify said program;

an action attribute storage unit for storing said component name correspondence information and said program name correspondence information;

a definition information input/execute unit for inputting definition information concerning said correspondence information stored in said action attribute storage unit;

an action attribute storage contents prepare/update unit for preparing/updating the contents of said action attribute storage unit on the basis of the definition information inputted by means of said definition information input/execute unit; and

an action control unit for controlling the execution of said action component by consulting with said correspondence information of said action attribute storage unit.

4. A program action attribute pointing apparatus according to claim 3, wherein said action attribute storage unit includes:

component execution sequence information for defining the execution sequence of said action components; and

component execution form information for defining, in connection with said action components during their execution, normal time execution executable during normal operation, exception occurring time execution executable during occurrence of exceptional operation and indispensable execution executable during both the normal and exceptional operations and also defining layering of processes.

5. A method for pointing an action attribute of an electronic application system which performs a process concerning an application from applicant terminals targeted to applicants such as residents or enterprises by using actions representing individual process businesses necessary for proceeding with the process concerning the application, action components representing individual business factors constituting each of said process businesses and programs for execution of said business factors, said action

attribute pointing method comprising:

a step of pointing an action attribute by using an action name assigned to an action to specify said action, an action component name assigned to an action component to specify said action component, component name correspondence information for making correspondence between said action name and said action component name, program name correspondence information for making the correspondence between said action component name and a program name assigned to a program to specify said program, and an action attribute storage unit for storing said component name correspondence information and said program name correspondence information;

a definition information input/execute step of inputting definition information concerning said correspondence information stored in said action attribute storage unit;

an action attribute storage contents prepare/update step of preparing/updating the contents of said action attribute storage unit on the basis of the definition information inputted in said definition information input/execute step; and

an action control step of controlling the execution of said action component by consulting with said correspondence information of said action attribute storage unit.

6. An action attribute pointing method for

electronic application system according to claim 5,
wherein said action attribute storage unit includes:

component execution sequence information for
defining the execution sequence of said action
components; and

component execution form information for
defining, in connection with said action components
during their execution, normal time execution
executable during normal operation, exception occurring
time execution executable during occurrence of
exceptional operation and indispensable execution
executable during both the normal and exceptional
operations and also defining layering of processes.

7. A method for pointing an action attribute of
programs concerning a computer system by using actions
representing individual process businesses necessary
for proceeding with processes concerning said computer
system, action components representing individual
business factors constituting each of said process
businesses and programs for execution of said business
factors, said program action attribute pointing method
comprising:

a step of pointing an action attribute by
using an action name assigned to an action to specify
said action, an action component name assigned to an
action component to specify said action component,
component name correspondence information for making
the correspondence between said action name and said

action component, program name correspondence information for making the correspondence between said action component name and a program name assigned to a program to specify said program, and an action attribute storage unit for storing said component name correspondence information and said program name correspondence information;

a definition information input/execute step of inputting definition information concerning said correspondence information held in said action attribute storage unit;

an action attribute storage contents prepare/update step of preparing/updating the contents of said action attribute storage unit on the basis of the definition information inputted in said definition information input/execute step; and

an action control step of controlling the execution of said action component by consulting with said correspondence information of said action attribute storage unit.

8. A program action attribute pointing method according to claim 7, wherein said action attribute storage unit includes:

component execution sequence information for defining the execution sequence of said action components; and

component execution form information for defining, in connection with said action components

during their execution, normal time execution executable during normal operation, exception occurring time execution executable during occurrence of exceptional operation and indispensable execution executable during both the normal and exceptional operations and also defining layering of processes.

9. A computer system operating by using actions representing individual process businesses necessary for proceeding with processes concerning the computer system, action components representing individual business factors constituting each of said process businesses and programs for execution of said business factors, said computer system comprising:

an action name assigned to an action to specify said action, an action component name assigned to an action component to specify said action component and component name correspondence information for making the correspondence between said action name and said action component name;

program name correspondence information for making the correspondence between said action component name and a program name assigned to a program to specify said program;

an action attribute information storage unit for storing said component name correspondence information and said program name correspondence information; and

an action control unit for controlling the

- 36 -

execution of said action components by consulting with
said correspondence information of said action
attribute storage unit.